



## **SIG 06 - INNO - Innovation**

With our theme **Exploring the Future of Management: Facts, Fashion and Fado**, we invite you to participate in the debate about how to explore the future of management. We look forward to receiving your submissions.

### **T06\_13 - Necessary Condition Analysis. Method and Applications**

#### **Proponents:**

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#### **Short description:**

Necessary Condition Analysis (NCA) is a novel methodology, recently published in *Organizational Research Methods*. The method has already been applied in fields such as innovation, strategy, entrepreneurship, organizational behaviour, and human resource management. Given the novelty of the method the goal of this track is twofold:

Give a platform to researchers who apply NCA to present their draft papers (contributions based on full paper, competitive sessions).

Support researchers who have started or intend to apply NCA and help them to develop this towards a publication (contributions based on extended abstract, paper and idea development sessions).

#### **Long description:**

Necessary Condition Analysis is a novel and promising empirical research methodology that can be applied in all disciplines. NCA understands cause-effect relations in terms of “necessary but not sufficient”; this means that without the right level of the condition a certain effect cannot occur. This is independent of other causes, thus the necessary condition can be a bottleneck, critical factor, constraint, disqualifier, etc. In practice, the right level of necessary condition must be put and kept in place to avoid guaranteed failure. Other causes cannot compensate for this factor. By adding a different logic and data analysis approach, NCA adds both rigor and relevance to theory, data analysis, and publications.

The aim of this track is to bring together researchers who are already applying the method or interested in using it. NCA is a user-friendly method that requires no advanced statistical or methodological knowledge beforehand. However, since NCA is a rather new



methodology, several questions remain. This track will provide the opportunity for methodology focused discussions and exchange of experience. We will focus on the foundations of the method, its application in different disciplines, and its advantages in comparison to other methods (e.g., regression-based methods, QCA). Therewith, the track will not only help to advance ongoing research projects but also serves as a multidisciplinary forum to explore the latest research, applications, and developments surrounding the use of NCA.

We encourage submissions of advanced research projects (full paper, competitive sessions) as well as work in progress (extended abstract, paper and idea development sessions). Papers are welcome from any field as long as they use NCA either as core method or a complement to other methods.

For more information on NCA please visit the NCA website ([www.irim.nl/nca](http://www.irim.nl/nca)) or read NCA's core paper (free access): Dul, J. (2016) Necessary Condition Analysis (NCA): Logic and methodology of "necessary but not sufficient" causality, *Organizational Research Methods*, 19(1), 10-52.

#### **Keywords:**

NCA  
methodological innovation  
applications  
empirical research  
qualitative research  
quantitative research

#### **Publication Outlet:**

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#### **AUTHORS GUIDELINES**

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